

<211> 148

<212> PRT

<213> Mus musculus

<400> 2

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Ala Met Pro Glu Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln
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Ser Asn Asp Val Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys
      20          25          30
Ala Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His
      35          40          45
Pro Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu
      50          55          60
Cys Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala
      65          70          75          80
Thr Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp
      85          90          95
Pro Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly
      100          105          110
Ile Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser
      115          120          125
Ser Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile
      130          135          140
Val Phe Cys Ile
145

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<210> 3

<211> 1509

<212> DNA

<213> Mus musculus

<220>

<221> CDS

<222> (12)...(539)

<400> 3

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agctcacagc c atg gtt acc ttc agc cac gtc tcc agt ctg agt cac tgg      50
      Met Val Thr Phe Ser His Val Ser Ser Leu Ser His Trp
          1          5          10

ttc ctc ttg ctg ctg ctg ctg aat ctg ttc ttg ccg gta ata ttt gct      98
Phe Leu Leu Leu Leu Leu Leu Asn Leu Phe Leu Pro Val Ile Phe Ala
      15          20          25

atg cct gaa tca tac tcc ttc aac tgt ccc gat ggt gaa tac cag tct      146
Met Pro Glu Ser Tyr Ser Phe Asn Cys Pro Asp Gly Glu Tyr Gln Ser
      30          35          40          45

aat gat gtc tgt tgc aag acc tgt ccc tca ggt aca ttt gtc aag gcg      194
Asn Asp Val Cys Cys Lys Thr Cys Pro Ser Gly Thr Phe Val Lys Ala
          50          55          60

ccc tgc aaa atc ccc cat act caa gga caa tgt gag aag tgt cac cca      242
Pro Cys Lys Ile Pro His Thr Gln Gly Gln Cys Glu Lys Cys His Pro
          65          70          75

gga aca ttc aca ggg aaa gat aat ggc ctg cat gat tgt gaa ctt tgc      290
Gly Thr Phe Thr Gly Lys Asp Asn Gly Leu His Asp Cys Glu Leu Cys

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80	85	90	
tcc acc tgt gat aaa gac cag aat atg gtg gct gac tgt tct gcc acc			338
Ser Thr Cys Asp Lys Asp Gln Asn Met Val Ala Asp Cys Ser Ala Thr			
95	100	105	
agt gac cgg aaa tgc gag tgc caa ata ggt ctt tac tac tat gac cca			386
Ser Asp Arg Lys Cys Glu Cys Gln Ile Gly Leu Tyr Tyr Tyr Asp Pro			
110	115	120	125
aaa ttt ccg gaa tca tgc cgc cca tgt acc aag tgt ccc caa gga atc			434
Lys Phe Pro Glu Ser Cys Arg Pro Cys Thr Lys Cys Pro Gln Gly Ile			
130	135	140	
cct gtc ctc cag gaa tgc aac tcc aca gct aac act gtg tgc agt tca			482
Pro Val Leu Gln Glu Cys Asn Ser Thr Ala Asn Thr Val Cys Ser Ser			
145	150	155	
tct gtt tca aat ccc aga aac tgg ctg ttc cta ctg atg cta att gtc			530
Ser Val Ser Asn Pro Arg Asn Trp Leu Phe Leu Leu Met Leu Ile Val			
160	165	170	
ttc tgt atc tgaagaagat aaaggttcta cagatggtgt ctgtagcttc			579
Phe Cys Ile			
175			

cttttattgc	tgtgaagaga	aaccatggag	gcaactcttt	cattttattt	tatttttttaa	639
tgtcttgaac	ttgatttgaa	gaccaggctg	gactcaaact	cacagagatc	cggactaggc	699
acctctaata	taggaaaaca	ttgaattggg	actggcttac	agtttcagaa	gttctgtcca	759
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gagctctccc	tcctatctac	aataaaacct	tccccctaac	cagaaatgga	acagttttgt	1479
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<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

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43

<210> 5

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

<400> 5

ccgcgagctc gatatcaagc ttgtac

26

<210> 6

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

<400> 6

ggcgctcgag ctatagttcg aacatggag

29

<210> 7

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

<400> 7

gaggtacaag cttgatatcg agctcgcg

29

<210> 8

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

<400> 8

gccgcgaatt ctgactaact gac

23

<210> 9

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

<400> 9

ggatccttca actgtcccga tggt

24

<210> 10

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

<400> 10

gaattccaca cagtgttagc tgtgga

26

<210> 11

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

<400> 11

ccgaattcca ccatggttac cttcagccac gtctcc

36

<210> 12

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetically generated primer

<400> 12

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35

<210> 13

<211> 123

<212> PRT

<213> Mus musculus

<400> 13

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Thr	Lys	Cys	His	Lys	Gly	Thr	Tyr	Leu	Val	Ser	Asp	Cys	Pro	Ser	Pro
			20					25					30		
Gly	Arg	Asp	Thr	Val	Cys	Arg	Glu	Cys	Glu	Lys	Gly	Thr	Phe	Thr	Ala
		35					40					45			
Ser	Gln	Asn	Tyr	Leu	Arg	Gln	Cys	Leu	Ser	Cys	Lys	Thr	Cys	Arg	Lys
	50					55					60				
Glu	Met	Ser	Gln	Val	Glu	Ile	Ser	Pro	Cys	Gln	Ala	Asp	Lys	Asp	Thr
65					70					75				80	
Val	Cys	Gly	Cys	Lys	Glu	Asn	Gln	Phe	Gln	Arg	Tyr	Leu	Ser	Glu	Thr
				85					90					95	
His	Phe	Gln	Cys	Val	Asp	Cys	Ser	Pro	Cys	Phe	Asn	Gly	Thr	Val	Thr
			100					105					110		
Ile	Pro	Cys	Lys	Glu	Thr	Gln	Asn	Thr	Val	Cys					
		115						120							